

# **Workshop on Proposed Revisions to the Lower-Emission School Bus Program and the Carl Moyer Program**

January 26, 2010

On-Road Controls Branch  
Mobile Source Control Division

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



**Air Resources Board**

# Today's Agenda

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- Welcome and introductions
- Purpose for this workshop
- Proposed revisions to the Lower-Emission School Bus Program
- Proposed new near-term revisions to the Carl Moyer Program
- Open discussion

# Purpose of Today's Workshop

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## March 2010 Board Hearing (Sacramento)

- ◆ Proposed revisions to the Lower-Emission School Bus Program
- ◆ Proposed near-term revisions to the Carl Moyer Program
  - ◆ On-road, Off-road, Locomotive & Administrative Revisions
- ◆ Long-term revisions and Guidelines will be taken to Board in October

# Background: Lower-Emission School Bus Program

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- ◆ Proposition 1B approved by voters in 2006
- ◆ \$200 Million available
- ◆ Replace all Pre-1977 buses
- ◆ Replace many 1977-1993 buses
- ◆ Retrofit 1994 and newer buses

# Proposed Revisions to the Lower-Emission School Bus Program

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- ◆ Extend retrofit deadline date to June 30, 2012
- ◆ Allow engines purchased in 2010 to meet a standard of 0.5 g/bhp-hr of NO<sub>x</sub>
- ◆ Streamline the Disbursement Process
- ◆ Retain the cost-cap limit

# Background: The Carl Moyer Program

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## Objectives

- ◆ Improve air quality
- ◆ Complement, **not replace**, regulations
- ◆ Fund emission reductions by introducing low-emission technologies
- ◆ Meet Health & Safety Code Requirements
  - ◆ Covered pollutants – ROG, NOx & PM
  - ◆ Eligible projects
  - ◆ Cost-effectiveness limit

# Proposed Near-Term Revisions

## December Workshops

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- ◆ Impacted Categories
  - ◆ On-road Program
    - ◆ Voucher Incentive Program
    - ◆ Fleet Modernization
  - ◆ Off-road Program
  - ◆ Locomotives
  - ◆ Administrative Requirements

# Additional Changes to the December Proposed Near-Term Revisions

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- ♦ On-road Program
  - ♦ Create Voucher Incentive Program for retrofits
- ♦ Off-road Program
  - ♦ Clarify “farm equipment” based on SBX 2\_3 (Florez)
  - ♦ Clarify current use of retrofit waiver
- ♦ Modify equipment usage requirements in contracts
- ♦ Additional minor changes to the Administrative Requirements



# Contacts for the Lower-Emission School Bus Program

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- ◆ Website:

<http://www.arb.ca.gov/msprog/schoolbus/schoolbus.htm>

- ◆ Lisa Jennings

(916) 322-6913

[Ljennings@arb.ca.gov](mailto:Ljennings@arb.ca.gov)

# Contacts for the Carl Moyer Program

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- ◆ Retooling Homepage:  
<http://www.arb.ca.gov/msprog/moyer/retooling.htm>
- ◆ Submit comments to: [cmretool@arb.ca.gov](mailto:cmretool@arb.ca.gov)
- ◆ Duong Trinh  
Administrative Requirements  
(626) 350-6560 or [Dtrinh@arb.ca.gov](mailto:Dtrinh@arb.ca.gov)
- ◆ Sam Gregor  
Source Categories  
(916) 323-0005 or [Sgregor@arb.ca.gov](mailto:Sgregor@arb.ca.gov)

# Additional Information

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- ◆ For more information on diesel regulations and funding programs:
  - ❖ <http://www.arb.ca.gov/truckstop>
  - ❖ 866-6DIESEL (866-634-3735)
  - ❖ E-mail to 8666diesel@arb.ca.gov

# Open Discussion

